AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) A method of operating a base station subsystem, the method comprising:

processing a call initiation request <u>for a call from a mobile station</u>; and
contemporaneously, allocating resources within the base station subsystem needed to grant network access to <u>a Mobile Station</u> the mobile station

identifying the call as a packet data call for specific packet-based applications;

generating a combined setup request message and sending the combined setup request message to a processor within the base station subsystem, the combined setup request message operable for initiating call setup and radio link setup; and

in response to receiving the combined setup request message,

allocating radio link related resources to establish a radio link between the mobile station and the base station subsystem for the call, and

transmitting a message to a packet control function operable for allocating packet data resources to establish a packet data session for the call.

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(Currently Amended) A method of operating a base station subsystem, as set forth in claim
 wherein the call initiation request is <u>at least a one of</u> an origination request, <u>a page response</u>

message or a reconnect message.

3. (Currently Amended) A method of operating a base station subsystem, as set forth in claim 1, wherein the call initiation request is a page response message specific packet-based applications is a one of a voice-over-IP (VoIP) application or a push-to-talk (PTT) application.

4. (Currently Amended) A method of operating a base station subsystem, as set forth in claim 1, wherein the call initiation request is a reconnect message specific packet-based applications is a

one of a push-to-media application or and instant messaging application.

5. (Original) A method of operating a base station subsystem, as set forth in claim 1, wherein the resources are hardware resources.

6. (Original) A method of operating a base station subsystem, as set forth in claim 1, wherein

the resources are software resources.

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7. (Currently Amended) A method of operating a base station subsystem, as set forth in claim

1, wherein the method processing the call initiation request and contemporaneously allocating

resources within the base station subsystem is performed in a routing agent.

8. (Original) A method of operating a base station subsystem, as set forth in claim 1, wherein

the resources further comprise resource manager resources.

9. (Original) A method of operating a base station subsystem, as set forth in claim 1, wherein

the resources include call processing resources.

10. (Previously Presented) A method of operating a base station subsystem, as set forth in claim

1, wherein contemporaneously, allocating resources is performed during user authentication.

11. (Currently Amended) A method of operating a base station subsystem, as set forth in claim

1, wherein the step of processing the call initiation request is performed at a Base Station Transceiver

the specific packet-based applications are delay-sensitive applications.

12. - 16. (Canceled)

17. (Currently Amended) A method of operating a base station subsystem, the method comprising:

receiving a call initiation request for a call from a mobile station;

identifying the call as a packet data call for specific packet-based applications; and

in response to receiving a combined setup request message operable for initiating call setup

and radio link setup.

allocating radio frequency resources <u>for the call</u>, and contemporaneously, allocating packet session resources <u>for the call</u>.

- 18. (Previously Presented) A method of operating a base station subsystem, as set forth in claim 17, wherein a routing agent initiates the allocating radio frequency resources.
- 19. (Previously Presented) A method of operating a base station subsystem, as set forth in claim17, wherein a call processing agent initiates the allocating packet resources.

20. (Currently Amended) A method of operating a wireless network, the method comprising:

receiving a call initiation request for a call from a mobile station;

identifying the call as a packet data call for specific packet-based applications; and

in response to receiving a combined setup request message operable for initiating call setup

and radio link setup.

establishing an A10 interface;

allocating Packet Control Function (PCF) resources for a packet data, session in response to establishing the A10 interface; and

establishing an A10 interface between a PCF and a Packet Data Service Node (PDSN),

contemporaneously connecting the PCF resources for the packet data session in response to allocating the PCF resources.

- 21. (Previously Presented) A method of operating a wireless network, as set forth in claim 20, wherein a PCF performs the allocating PCF resources.
- 22. (Currently Amended) A method of operating a wireless network as set forth in claim 20, wherein the A10 interface is established between a PCF and a Packet Data Service Node (PDSN) specific packet-based applications is a one of a voice-over-IP (VoIP) application or a push-to-talk (PTT) application.

23. (Currently Amended) A method of operating a wireless network, the method comprising:

receiving a call initiation request for a call from a mobile station;

identifying the call as a packet data call for specific packet-based applications; and

in response to receiving a combined setup request message operable for initiating call setup

and radio link setup.

establishing an A10 interface;

contemporaneously allocating and connecting Packet Control Function (PCF) resources for a packet data session[[;]].

establishing an A10 interface between a PCF and a Packet Data Service Node (PDSN).

performing a channel assignment process[[; and]] <u>, and</u>

initiating a service connection request in response to establishing the A10 interface and in response to performing the channel assignment process.

24. (Currently Amended) A method of operating a wireless network, as set forth in claim 23, wherein the A10 interface is established between a Packet Control Function and a Packet Data Service Node specific packet-based applications is a one of a voice-over-IP (VoIP) application or a push-to-talk (PTT) application.

- 25. (Currently Amended) A method of operating a wireless network, as set forth in claim 23, wherein the channel assignment process is performed between a call processor and [[a]] the Mobile Station.
- 26. (Original) A method of operating a wireless network, as set forth in claim 23, wherein the service connection request is generated by a routing agent.